



Australian Government

ICPPRN3870 Use colour management for production

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Application

This unit describes the skills and knowledge required to obtain an acceptable match across colour devices, including the correct use of colour profiles and calibration of monitors and output devices.

It applies to skilled individuals in the printing and graphic arts industry who set up, operate and monitor equipment and machinery, and who may have to prepare material and apply solutions to problems. They may also provide leadership and guidance to others, with limited responsibility for the output of others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

ICPPRN284 Use colour management systems

Unit Sector

Printing

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify colour requirements	1.1 Determine publication conditions and identify colour management requirements 1.2 Establish requirements to guide provision and use of colour profiles
2. Calibrate digital	2.1 Calibrate digital devices in the workflow according to colour

ELEMENT	PERFORMANCE CRITERIA
devices	reproduction requirements 2.2 Create, use and store device profiles created during calibration according to work health and safety (WHS) requirements 2.3 Check digital devices and confirm they meet calibration requirements 2.4 Adjust profiles and equipment parameters to bring devices back into calibration, as required
3. Use colour profiles	3.1 Identify source and destination profiles within the workflow 3.2 Use profiles to confirm colour match on monitors, proofs and final product requirements 3.3 Convert images to correct profile if incorrect profile is embedded 3.4 Use rendering intent and confirm accurate colour conversion
4. Configure software within workflow	4.1 Determine software applications, within workflow, with colour management features 4.2 Configure software applications with colour management features to meet output conditions 4.3 Configure, save and use range of colour management presets according to output requirements

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Reading	Identifies and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	Enters routine data associated with production processes and enterprise procedures
Self-management	- Identifies and follows explicit and implicit protocols and meets expectations associated with own role - Complies with work health and safety (WHS) requirements and follows enterprise procedures relevant to own role
Planning and organising	Takes responsibility for planning and organising own workload, and assembles required resources

Problem Solving	• Recognises and takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts
Technology	• Utilises a broad range of features within applications to improve personal productivity, optimising software functions for specific purposes

Unit Mapping Information

Supersedes and is equivalent to ICPPRN387 Use colour management for production.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>